

Title (en)
SYSTEM AND METHOD FOR REGULATING THE TEMPERATURE OF AT LEAST ONE ENERGY SOURCE AND/OR AN INDOOR SPACE OF A VEHICLE

Title (de)
SYSTEM UND VERFAHREN ZUR REGULIERUNG DER TEMPERATUR VON MINDESTENS EINER ENERGIEQUELLE UND/ODER EINES INNENRAUMS EINES FAHRZEUGS

Title (fr)
SYSTÈME ET PROCÉDÉ POUR RÉGULER LA TEMPÉRATURE D'AU MOINS UNE SOURCE D'ÉNERGIE ET/OU D'UN ESPACE INTÉRIEUR D'UN VÉHICULE

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Application
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Abstract (en)
[origin: EP3620316A1] The invention provides an air conditioning system for regulating the temperature of at least one energy source and/or an indoor space of a vehicle. The system comprises: a fan for creating an air flow; an evaporator arranged downstream of the fan for cooling the at least one energy source and/or the indoor space; a first heating element arranged downstream of the evaporator for heating the at least one energy source; a heat exchanger arranged downstream of the evaporator for heat exchange with the air flow and in fluid communication with the at least one energy source for heating or cooling the at least one energy source and/or the indoor space; and a second heating element arranged downstream of the evaporator for heating the air flow. The system is configured to selectively direct the heated or cooled air flow to the indoor space of the vehicle or prevent the heated or cooled air flow from reaching the indoor space of the vehicle.

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